

Abstract

A Data Processing Method, System and Computer Program

A system, method and computer program product are disclosed for data processing in a supply chain management utilizing a central data processing system which integrates a plurality of functionalities for partner and system determination, as well as availability checking. Upon receiving a request which includes a plurality of items from a customer, unique identifiers are generated and assigned relevant to the customer's items in response to the request. Each request is split into plurality of sub-requests where each sub-request is assigned to an internal or external system by means of the rules. In case a synchronous communication is used the dynamic combining of the sub-results is performed at runtime. In case an asynchronous communication is employed, the sub-responses are aggregated in a database until all sub-responses have been received. The amount of requested resources is adjusted in both cases based on the information received from the central data processing system.

(Fig. 1)